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<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. R-0086USAAPN01	
In Re Application Of: Callahan et al.				
<div>DEC 12 2001 RECEIVED P.T.O. MARK OFFICE</div>				
Serial No. 09/943,053	Filing Date August 30, 2001	Examiner TBD	Group Art Unit TBD	
Title: ELECTROCHEMICAL CELL INCORPORATING POLYMER MATRIX MEMBRANE				
<div>Address to: Assistant Commissioner for Patents Washington, D.C. 20231</div> <div>DEC 14 2001 TC 1700</div>				
<p align="center"><b>37 CFR 1.97(b)</b></p> <p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.</p> <p align="center"><b>37 CFR 1.97(c)</b></p> <p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:</p> <p>1. a Final Action under 37 CFR 1.113, or</p> <p>2. a Notice of Allowance under 37 CFR 1.311,</p> <p>whichever occurs first.</p> <p>Also submitted herewith is:</p> <p><input type="checkbox"/> a certification as specified in 37 CFR 1.97(e);</p> <p align="center"><b>OR</b></p> <p><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).</p>				

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
R-0086USAAPN01

In Re Application Of: *Callahan et al.*

Serial No. **DEC 12 2001** Filing Date  
09/943,053 August 30, 2001

Examiner  
TBD

Group Art Unit  
TBD

Title: **ELECTROCHEMICAL CELL INCORPORATING POLYMER MATRIX MEMBRANE**

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**DEC 14 2001**

**TC 1700**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☐ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
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Signature of Person Mailing Correspondence

*Mashema Thomas*  
Typed or Printed Name of Person Mailing Correspondence

\*This certificate may only be used if paying by deposit account.

*Ralph J. Crispino*  
Signature

Dated: *December 4, 2001*

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet 1 of 3

DEC 12 2001

**U.S. PATENT DOCUMENTS**

Application Number	09/943,053
Filing Date	August 30, 2001
First Named Inventor	Callahan et al.
Group Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	R-0086USAAPN01

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	2,933,547					
	2,977,514	Mar-61				
	3,408,233	Oct-68				
	3,871,918					
	4,034,144	Jul-77	Chireau	429	144	
	4,110,143	Aug-78	Cogliano et al.	156	167	
	4,122,133	Oct-78	Bernstein et al.	260	87	
	4,201,641	May-80	Gotoda et al.	204	159.17	
	4,221,123	Sep-80	Bucci et al.	73	38	
	4,225,657	Sep-80	Klem et al.	429	248	
	4,234,623	Nov-80	Moshtev et al.	427	54.1	
	4,273,840	Jun-81	Machi et al.	429	144	
	4,294,899	Oct-81	Witherspoon	429	206	
	4,298,667	Nov-81	Rampel	429	248	
	4,378,414	Mar-83	Furukawa et al.	429	144	
	4,471,037					
	4,505,997					
	4,544,616	Oct-85	Poa et al.	429	229	
	4,585,710	Apr-86	McEvoy	429	27	
	4,652,504	Mar-87	Ando	429	105	
	4,654,279					
	4,664,761					
	4,681,698	Jul-87	Graham et al.	252	182.1	
	4,708,981					
	4,804,598	Feb-89	Jackovitz et al.	429	254	
	4,818,643					
	4,822,701					
	4,886,716					
	4,925,751					
	4,970,012					
	4,978,473					
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	5,009,970					
	5,064,548					
	5,183,872	Feb-93	Heidel et al.	527	300	
	5,238,758					
	5,264,307					
	5,455,127					

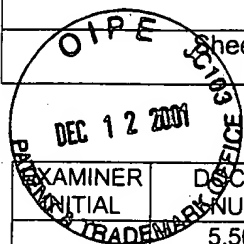
Examiner  
SignatureDate  
Considered

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Sheet 2 of 3

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	5,508,129					
	5,510,046					
	5,518,838					
	5,523,180					
	5,523,180					
	5,526,223					
	5,538,813					
	5,541,019					
	5,549,988					
	5,552,245					
	5,585,039					
	5,609,974					
	5,658,685					
	5,665,265					
	5,688,614					
	5,732,231					
	5,807,412					
	5,897,974					
	5,985,487					
	6,019,908					
	6,080,282					
	6,096,234					
	6,174,626					
	6,180,287					
	6,232,019					
	Re.31,824	Feb-85	D'Agostino et al.	204	159.17	

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**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 474 617 AI	Mar-92	Europe			X	
	07262979A	Mar-94	Japan				X
	Abstract Only						
	07320712A	May-94	Japan				X
	Abstract Only						
	08064193A	Aug-94	Japan				X
	Abstract Only						

Examiner Signature		Date Considered	
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 3 of 3

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Examiner Name	TBD
Attorney Docket Number	R-0086USAAPN01

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	08077997A	Sep-94	Japan				X
	Abstract Only						
	08185847A	Dec-94	Japan				X
	Abstract Only						
	08185848A	Dec-94	Japan				X
	Abstract Only						
	08241704A	Mar-95	Japan				X
	Abstract Only						
	08315800A	May-95	Japan				X
	Abstract Only						
	0 651,455 AI	May-95	Europe			X	
	07153489	Jun-95	Japan			X	
	09231957A	Feb-96	Japan				X
	Abstract Only						
	10125300A	Oct-96	Japan				X
	Abstract Only						
	09330694A	Mar-97	Japan				X
	Abstract Only						
	10247485A	Mar-97	Japan				X
	Abstract Only						
	10144282A	Jul-97	Japan				X
	Abstract Only						
	0 834 939 A2	Sep-97	Europe			X	
	0 834 942 AI	Sep-97	Europe				X
	WO 97/34186	Sep-97	PCT			X	
	0 848 436 A2	Oct-97	Europe			X	
	WO 97/41607	Nov-97				X	
	WO 99/18621	Apr-99	PCT				X
	WO 99/25038	May-99	PCT				X
	0 323 006 A2	Jul-89	Europe			X	
	EP 0651 455 B1	Jul-97	Europe			X	

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